PHILIPS Lighting



UniStreet

BGP204 LED80/740 I DW D9 48/60A

UniStreet Large, LED module 8000 lm, Distribution wide, Universal for diameter 48 to 60 mm adjustable

At relatively low initial cost, the highly efficient LED-based UniStreet luminaire offers significant cost savings compared with conventional street lighting, ensuring full payback within a short period of time. Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires. The compact, slim luminaire is made of quality recyclable materials. And being a LED solution, it requires little maintenance. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customers who are preparing big renovation projects, TCO oriented

Product data

General Information	
Lamp family code	LED80 [LED module 8000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example
	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Light source engine type	LED
Product family code	BGP204 [UniStreet Large]

Lighting Technology	LED
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
EU RoHS compliant	No
Embedded control	-
Light Technical	
Upward light output ratio	0
Luminous Flux	7,134 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°

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Temperature

Dimmable

Control interface

Housing Material

Reflector material

Optical cover material

Optic material

Fixation material

Mounting device

Housing Color

Constant light output

Ambient temperature range

Controls and Dimming

Driver/power unit/transformer

Mechanical and Housing

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	70
Number of light sources	4
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154°
Optic type outdoor	Distribution wide
Operating and Electrical	

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	[DELETE] W
Average CLO power consumption	[DELETE] W
End CLO power consumption	[DELETE] W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	70 W
Power Factor (Fraction)	0.95
Connection	Screw connection block 3-pole
Cable	-
Number of products on MCB of 16 A type	11
В	

-40 to +50 °C

Aluminum die cast

Polycarbonate

Polycarbonate

Tempered glass

Aluminum

adjustable

Grey

Power supply unit with DALI interface

Universal for diameter 48 to 60 mm

Yes

DALI

No

Optical cover shape	Flat
Optical cover finish	Clear
Overall length	755 mm
Overall width	355 mm
Overall height	98 mm
Effective projected area	0.04 m ²
Dimensions (Height x Width x Depth)	98 x 355 x 755 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.380, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compli	ant)
Control gear failure rate at median useful	10 %
life 100000 h	
Lumen maintenance at median useful life*	L93
100000 h	

Application Conditions	
Performance ambient temperature Tq	25 ℃
Maximum dim level	10%
Product Data	
Order product name	BGP204 LED80/740 I DW D9 48/60A
Full product name	BGP204 LED80/740 I DW D9 48/60A
Full product code	871869631898000
Order code	910925452270
Material Nr. (12NC)	910925452270
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696318980

1

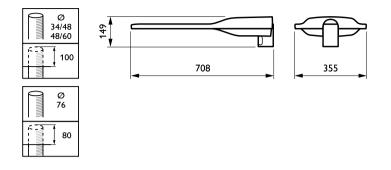
8718696318980

Numerator - Packs per outer box

EAN/UPC - Case

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Dimensional drawing





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